

Paper Code TCS 505

45

No. of Printed page: 2

Paper ID and Roll No. to be filled in your Answer book

Roll. No.

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B. Tech.

(SEM. V) (ODD SEM.) EXAMINATION, 2014- 15

Advance Java Programming

[Time: 3Hours]

Total Marks: 100

Note: Attempt all question

Q:-1 Attempt any 4 questions

5X4

- (a) What are the ActionForm Bean objects in Struts?
- (b) What is the difference between the jsp:include tag and tiles:insert tag?
- (c) Describe MVC design pattern in Struts.
- (d) (i) Write command for setting path from command prompt?
(ii) Write command for setting classpath from command prompt while connecting JDBC with Notpad ?
- (e) List and define the data types available in JavaScript?
- (f) What is the difference between the ForwardAction and the IncludeAction in the Struts?

Q:-2 Attempt any 4 questions

5X4

- (a) How you do session management in JSP? Explain.
- (b) How will you create a Tile layout view in your struts application?
- (c) List out the difference between ServletConfig and ServletContext.

- (d) What is for <action-mapping> sub elements in struts config file?
- (e) Explain struts-framework in detail.
- (f) Explain the format of conditional statements? Give Example.

Q:-3 Attempt any 2 questions

10X2

- (a) Write a servlet program to insert five values coming from JPS page in database?
- (b) (i) Describe session tracking for JSP pages if the browser have disabled cookies.
(ii) How can we declare methods within JSP page. Explain with example.
- (c) List all the steps of JDBC for creating connection with a database.

Q:-4 Attempt any 2 questions

10X2

- (a) Write a JSP program to insert a record into a table from form?
- (b) (i) Explain exception handling in java with a suitable example.
(ii) What is Action.execute() method?
- (c) Explain the basic steps in using JDBC. Write a program to demonstrate these steps?

Q:-5 Attempt any 2 questions

10X2

- (a) (i) Write a program that show the Threads have a independent path of execution using run and sleep method?
(ii) Compare 2-tier, 3-tier and N-tier architectures.
- (b) (i) Write the names of implicit objects in JSP. Also provide the differences among them. Why we need them?
(ii) Explain life cycle of servlet. Explain the different authentication options available in servlet.
- (c) Write a program to print name and roll number from database on JSP page?